



Administration Report of the Public Works Department in the Bombay Presidency

For the Year 1924-25 — 1925-26

Part I

With a detailed review of the Civil and Military
Works

133347

(Part II—Irrigation works with accounts and statistical
statements is issued separately) *or*

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Dapuri Workshops.

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5. A group of patterns ready for the Foundry.
6. The mould for a steam road roller wheel rim, in the making.
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12. Construction of an additional service reservoir at Pandharpur.
13. Sukkur water works—Precipitation tank.
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DIAGRAM SHOWING PUBLIC WORKS EXPENDITURE

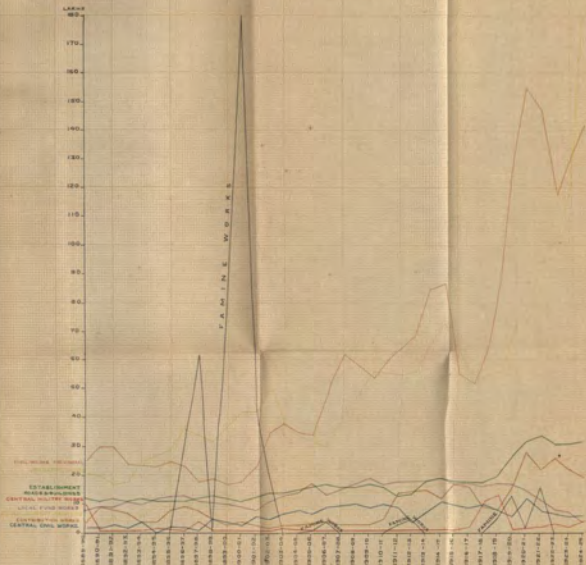
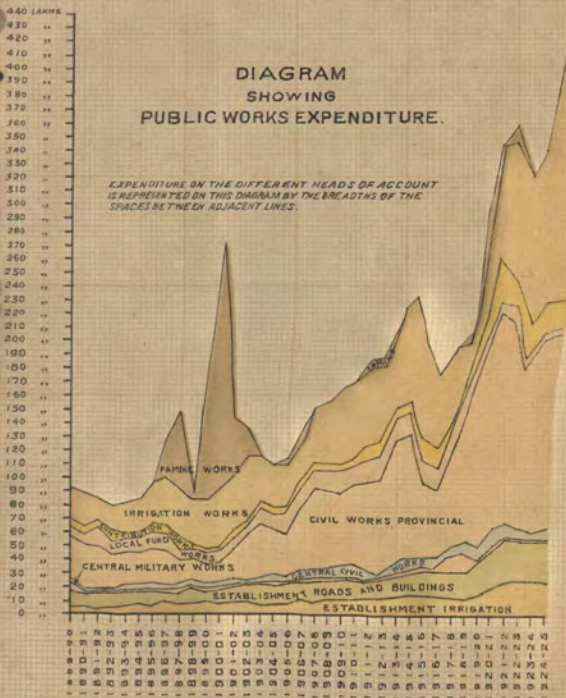


DIAGRAM SHOWING PUBLIC WORKS EXPENDITURE.

EXPENDITURE ON THE DIFFERENT HEADS OF ACCOUNT
IS REPRESENTED ON THIS DIAGRAM BY THE BREADTHS OF THE
SPACES BETWEEN ADJACENT LINES.



PUBLIC WORKS DEPARTMENT.

BOMBAY PRESIDENCY.

ADMINISTRATION REPORT WITH A DETAILED REVIEW OF THE CIVIL AND MILITARY WORKS FOR THE YEAR 1924-25.

I.—DIRECTION.

During the year under report Mr. R. T. Harrison continued as Chief Engineer for Irrigation and Secretary to Government and Mr. K. S. Framji as Chief Engineer for Roads and Buildings and Joint Secretary to Government. The former, however, having proceeded on leave at the end of March 1924, Mr. Framji acted as Chief Engineer and Secretary to Government and Mr. V. M. Griffiths was appointed to act as Chief Engineer for Irrigation and Joint Secretary to Government. On Mr. Harrison's return in January 1925 the original arrangement was reverted to and Mr. Griffiths proceeded on leave on relief from his duties in the Secretariat.

2. Mr. L. W. Lewis, C.I.E., Chief Engineer who was on deputation with the Development Department retired from His Majesty's service on 9th March 1925. Mr. H. O. B. Shoubridge, Chief Engineer in Sind, was granted twenty-eight months' leave in November 1924 with permission to retire from His Majesty's service at the end thereof and Mr. V. N. Vartak was appointed to act in his place as Chief Engineer in Sind. Mr. C. S. C. Harrison, Acting Chief Engineer, Lloyd Barrage and Canals Construction, went on leave for 6 months and 24 days in March 1925 and Mr. S. C. Moul was appointed to act in his place as Chief Engineer, Lloyd Barrage and Canals Construction.

II.—ADMINISTRATIVE MEASURES.

3. The post of the Executive Engineer, Central Stores and Workshop, Dapuri, was abolished by amalgamating the duties thereof with those of the Works Manager and Mr. C. Holliman was appointed to hold the combined appointment as "Works Manager."

ESTABLISHMENT.

4. Two Assistant Executive Engineers were sent out during the year by the Secretary of State for the Europe-recruited branch of the Indian Service of Engineers. In the India-recruited branch of the same service one Apprentice Engineer now styled 'student' was appointed from the College of Engineering, Poona.

Twenty-eight appointments were made to the Bombay Engineering Service during the year by promotion from the permanent Upper

Subordinate establishment and three candidates from the College of Engineering, Poona, were appointed to the Bombay Engineering Service in accordance with the guarantee given to that College.

III.—TERRITORIAL CHANGES.

5. The jurisdictional areas of the Superintending Engineers and the Executive Engineers hitherto known as "Divisions" and "Districts" were renamed as "Circles" and "Divisions" respectively and the nomenclature of the "Government House District" was changed to the "Head Quarters Works Division."

6. The retention of the Persian Gulf Division in the Bombay Public Works Department was sanctioned by the Secretary of State on a temporary basis for three years from April 1924. The continuance of the following Divisions was also sanctioned by the Government of India for the periods shown against each :—

- (a) Head Quarters Works Division (formerly known as Government House District) for one year from July 1924.
- (b) Pravara Canals Division for two years from April 1924.
- (c) Indus River Gauging Division for three years from September 1923 until 31st October 1926.

The Head Quarters of the Indus River Gauging Division were moved from Sukkur to Hyderabad.

SIND.

7. The special project Sub-Division in the Fuleli Canals Division in the Indus Left Bank Circle and the Project Sub-Division in the Karachi Canals Division in the Indus Right Bank Circle were formed with effect from 1st December 1924 and 17th May 1924 respectively. One sub-division at Larkana in the Ghar Canals Division in the Indus Right Bank Circle was also sanctioned. The Head Quarters of the Nara Sub-Division in the Eastern Nara Division of Indus Left Bank Circle were changed from Sanghar to Tando Mithakhan.

Under the Lloyd Barrage and Canals Construction Project 60 Sub-divisions were created to end of March 1925.

CENTRAL CIRCLE.

8. A Sub-division for the New Central Jail at Nasik Road in the Nasik Division was sanctioned.

The Visapur Tank Sub-Division in the Ahmednagar Division was continued for a period of 4 years from 1st April 1924 to end of March 1928.

The Head Quarters and the Nasik Sub-Divisions in the Nasik Division were amalgamated. The Head quarters of the Government House Sub-division were fixed at Ganeshkhind.

DECCAN IRRIGATION CIRCLE.

9. The Project Sub-Division in the Malharas Division was continued for a period of 1½ years from 1st March 1925 to end of August 1926.

The Head quarters of Phaltan Development Sub-division in the Special Irrigation Division and those of the Lake Arthur Hill Sub-division in the Nasik Irrigation Division were changed temporarily from Phaltan to Nateputa from 5th December 1923 to 31st August 1924 and from Bhandardara to Nasik from 15th June to 15th September 1924 respectively. Moreover the following changes in the Head quarters of the Head works Sub-division in the Lonand Division were sanctioned :—

- (i) From Padegaon to Wathar from 1st July 1923 to 30th April 1924
- (ii) From Wathar to Padegaon from 1st May 1924 onwards.

SOUTHERN CIRCLE.

10. The transfer of the Malwan Sub-division from the control of the Executive Engineer, Ratnagiri Division, to that of the Executive Engineer, Belgaum Division, took place from 1st April 1924.

The Head quarters of the Dapoli Sub-division were temporarily transferred from Dapoli to Chiplun.

ELECTRICAL DIVISION.

11. One Electrical Sub-division was sanctioned at Thana during the year.

MISCELLANEOUS.

12. Orders on the recommendations of Lord Lee's Commission with regard to the conditions of service of the members of the several Superior Civil Services in India were received from the Secretary of State and were given effect to from April 1924.

13. In view of the orders received from the Secretary of State from time to time on the subject of appointments in the India-recruited branch of the Indian Service of Engineers the existing guarantee to the Engineering College, Poona, in the matter of appointment to the Indian Service of Engineers was partially modified and the N. E. D. Civil Engineering College, Karachi, having since developed into a full-fledged Engineering College was allowed to participate in that guarantee. The guarantee in respect of recruitment to the Lower Subordinate establishment was continued until it is withdrawn or revised on the formation of the Subordinate Engineering Service.

14. The Deccan Irrigation Circle having been sanctioned by the Secretary of State as a permanent charge, the clerical establishment of the office of the Superintending Engineer, Deccan Irrigation Circle, was also made permanent.

15. A new system of maintaining records as outlined by Mr. F. Wright, late Superintending Engineer, was approved by Government and ordered to be introduced gradually in all the administrative offices under the Public Works Department.

16. At the instance of the Bombay Retrenchment Committee, two Committees one for the Sind and the other for the Presidency proper—were appointed by Government thoroughly to revise the present methods and to eliminate unnecessary work from the accounts and office procedure of the Public Works Department.

IV—DETAILED REVIEW.

A.—CIVIL BUILDINGS.

During the period under review the Roads and Buildings Branch of the Public Works Department of the Presidency executed works, the total expenditure on which was Rs. 2,17,54,073, and the more important details are given under the various heads below :—

Central Services.

<i>Customs—</i>					Rs.
On works	..	..	..	..	31,396
On repairs	..	..	..	..	45,008
Total					76,404
<i>Salt—</i>					
On Works	..	..	..	..	1,28,211
On repairs	..	..	..	..	1,60,066
Total					2,88,277

The work of constructing buildings in connection with Bhandup Salt Works, Thana Division, was finally completed.

Preventive Officers' quarters at Keamari were completed.

<i>Opium—</i>					Rs.
On repairs	..	..	..	..	127
<i>Administration of Justice—</i>					
On repairs	..	..	..	..	459
<i>Jails and Convict Settlements, District Jails—</i>					
On repairs	..	..	..	..	255
<i>Police—</i>					
On repairs	..	..	..	..	7,037
<i>Ports and Pilotage—</i>					
On repairs	..	..	..	..	194
<i>Ecclesiastical—</i>					
On Works	..	..	..	..	15,416
On repairs	..	..	..	..	34,601
Total					49,717

<i>Political—</i>					Rs.
On works	..	..	..	..	49,534
On repairs	..	..	..	..	51,126
Total					1,00,660
<i>Scientific Departments, Meteorological—</i>					
On works	..	..	..	..	9,743
On repairs	..	..	..	..	5,376
Total					15,119
<i>Medical—</i>					
On repairs	..	..	..	..	801
<i>Aviation—</i>					
On works	..	..	..	..	182
<i>Mint—</i>					
On works	..	..	..	..	2,199
On repairs	..	..	..	..	6,993
Total					9,192
<i>Currency Buildings—</i>					
On works	..	..	..	..	512
On repairs	..	..	..	..	3,262
Total					3,774
<i>Civil Works—</i>					
On repairs	..	..	..	..	820
<i>Miscellaneous Departments—</i>					
On works	..	..	..	..	961
On repairs	..	..	..	..	9
Total					970
<i>*Post Offices—</i>					
On works	..	..	..	..	1,32,502
On repairs	..	..	..	..	55,563
Total					1,88,065

* From the year 1921-22, the expenditure on Posts and Telegraph buildings has been transferred to the Accountant General, Posts and Telegraphs.

The new combined Post and Telegraph office in the Poona City was in progress.

* <i>Telegraphs—</i>					Rs.
On works	..	..	..	..	1,54,490
On repairs	..	..	..	..	26,320
Total					1,80,810

Additions and alterations to the first floor of the Central Telegraph Office, Bombay, were carried out to provide quarters for the Post Master General and the Director of Telegraph Engineering, Western Circle. The work of reconstructing the Telegraph Office at Ahmedabad was completed and the building handed over to the Telegraph Authorities. New quarters were constructed for Signallers at Dharwar and Ratnagiri.

* <i>Archaeological—</i>					Rs.
On works	..	..	..	..	3,430
On repairs	..	..	..	..	45,033
Total					48,463

Special repairs to the Gol Gumbaz, Badi Kaman and tank at Asar Mahal at Bijapur and Nari Mahal at Navapur in the Bijapur Division were carried out.

Military Works—

					Rs.
On works	..	..	..	..	1,36,057
On repairs	..	..	..	..	2,05,122
Total					3,41,179

Married men's quarters for Indian Infantry Lines at Baroda were nearly completed.

Repairs to road from Saswad to the foot of Purandhar Hill were carried out.

Water Supply—

Independent water supply scheme for the Ahmedabad Cantonment was in progress. An expenditure of Rs. 76,000 was incurred during the year on this scheme.

* From the year 1921-22 the expenditure on Post and Telegraph buildings has been transferred to the Accountant General, Posts and Telegraphs, and that on the Archaeological works to the Accountant General, Central Revenues.



Water supply for Ahmedabad Cantonment. Pumps being fixed.

*Provincial Services.**Land Revenue—*

					Rs.
On works	..	..	..	..	9,014
On repairs	..	..	..	..	1,823
				Total ..	10,837

Excise—

On works	..	..	..	..	53,811
On repairs	..	..	..	..	25,151
				Total ..	78,962

Stamps—

On works	..	..	..	..	106
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Forest—

On works	..	..	..	..	90,444 *
On repairs	..	..	..	..	4,549
				Total ..	94,993

The work of constructing office and bungalow at Sukkur for the Divisional Forest Officer, Shikarpur, was completed.

Registration—

					Rs.
On works	..	..	..	..	580
On repairs	..	..	..	..	506
				Total ..	1,086

General Administration—

(1) RESIDENCES FOR HEADS OF PROVINCES.

					Rs.
On works	..	..	..	..	49,926
On repairs	..	..	..	..	2,67,106
				Total ..	3,17,032

* Includes Rs. 22,305 expenditure incurred under 60 Civil Works.

The exceptionally heavy storm which occurred in June 1924 caused very serious damage to the sea wall, Government House, Malabar Point, Bombay. Special repairs to the damaged portion of the wall were there-fore carried out during the year.

(2) PROVINCIAL LEGISLATIVE COUNCILS.					Rs.
On works	..	..	..	..	826
On repairs	..	..	..	..	23,483
Total					24,309

(3) SECRETARIAT AND HEAD QUARTERS ESTABLISHMENT INCLUDING LOCAL FUND AUDIT ESTABLISHMENT.

					Rs.
On works	..	..	..	..	5,604
On repairs	..	..	..	..	11,678
Total					17,282

The Consulate buildings at Ahwaz were in progress.

(4) COMMISSIONERS AND DISTRICT OFFICERS.

					Rs.
On works	..	..	..	..	8,52,507 *
On repairs	..	..	..	..	2,12,949
Total					10,65,456

Principal works completed or nearly so during the year were :—

Additions and alterations to the—

Mamlatdar's kacheries at Hungund and Sindgi, Bijapur Division.

Mamlatdar's kacheri at Patas, Satara Division.

Mamlatdar's kacheri at Roha, Ratnagiri Division.

New—

Two bungalows at Yeravda, Poona Division.

Mukhtiarkar's kacheri at Kario Gawher.

Principal works still in progress at the end of the year were :—

New—

Mamlatdar's kacheri at Karmala, Shetapur Division.

Bungalows for Government officers at Kopri, Thana Division.

District Survey Offices at Jalgaon, East Khandesh Division.

* Includes Rs. 5,85,185 expenditure incurred under 60, Civil Works.

Administration of Justice—

	Rs.
On works	6,16,627*
On repairs	99,018
Total ..	<u>7,15,645</u>

Principal works completed or nearly so during the year were :—

Pleaders' Chambers in the compound of the District Court, Ahmedabad ; these were completed and handed over to the Bar Association.

District Judges' and Assistant Judges' bungalows in connection with the Judicial buildings at Nadiad.

Sub-Judge's Court House at Koregaon in the Satara Division.

Principal works still in progress at the end of the year were :—

New—

DISTRICT AND SESSIONS COURTS, SMALL CAUSES COURTS, ETC., AT POONA.

Bungalows for the Additional Judicial Commissioner, the District Superintendent of Police, Karachi Head Quarters and the Second Additional Judicial Commissioner on Bath Island, Karachi.

Judicial Courts at Karachi.

Jails and Convict Settlements—

	Rs.
On works	8,37,512†
On repairs	28,628
Total ..	<u>8,66,140</u>

The principal works completed or nearly so during the year were :—

Additions and alterations to the—

Special prison at Thana.

Tubercle ward with 6 cells in the Central Jail at Ahmedabad.

Central Prison at Hindalgi.

New—

Tubercle ward with three cells in the Central Prison, Hyderabad.

* Includes Rs. 5,33,322 expenditure incurred under 60 Civil Works.

† Includes Rs. 7,16,687 expenditure incurred under 60 Civil Works.

The principal works still in progress at the end of the year were:—
New—

- New Jail for undertrial prisoners at Arthur Road, Bombay.
- New Civil Jail for 40 prisoners at Arthur Road, Bombay.
- New Central Prison at Nasik Road Station.

	Ra.
<i>Police—</i>	
On works	22,80,921 *
On repairs	2,93,154
Total ..	25,74,075

The principal works completed or nearly so during the year were:—

- Northcote Police Hospital at Nagpada, Bombay.
- Head Quarters Police Lines at Godhra in the Kaira and Panch Mahals Division.
- Police Lines at Larkana.

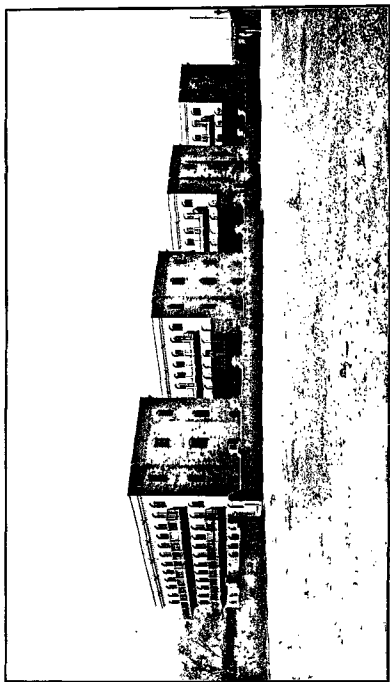
New—

- Cantonment Police Station House, Poona.
- Head Quarter Police Lines at Nasik.
- Police Lines at Manmad, Nasik Division.
- Dock Police Lines on the Bombay Port Trust site between Raichur Street and Sholapur Street, Bombay.
- Additional Police Lines in Gaikwar's Haveli at Ahmedabad.
- Police Accommodation scheme at DeLisle Road, Bombay.
- Quarters for Railway and City Police Officers at Dada, Bombay.
- Police Lines at Panvel, Uran, Matheran and Bhiwandi, Thane Division.
- Bagdadi and Harbour Police Lines at Karachi.
- New Police Lines at Sujawal.

The principal works still in progress at the end of the year were:—
New—

- Police accommodation schemes at Byculla, Parel, Mahim and Naigaum, Bombay.
- Police Lines at Ashta and Karad in the Satara Division.

*Includes Rs. 16,52,034 expenditure incurred under 60 Civil Works, Rs. 2,88,554 from contribution paid by the Bombay Improvement Trust and Rs. 1,05,130 expenditure from Ordinary contributions.



Harbour Police Lines—Karachi.

Police Lines at Karmala in the Sholapur Division.
 Police Lines at Nawapur in the West Khandesh Division.
 Police Lines at Sowar's Gate, Poona City.
 City Police Lines at Belgaum.
 Machi Miani Police Lines at Karachi.
 Police Lines at Kambar.
 Police Lines at Tangwani.

Scientific Departments, Archaeological Department.—

					Rs.
On works	..	..	..	..	52,787 *
On repairs	..	..	..	..	715
				Total	53,502
<i>Museums—</i>					
On repairs	..	..	..	..	1,131
<i>Educational—</i>					
<i>University—</i>					
On works	..	..	..	..	1,91,380 †
On repairs	..	..	..	..	57,867
				Total	2,49,247
<i>Secondary—</i>					
On works	..	..	..	..	1,65,658 ‡
On repairs	..	..	..	..	25,141 *
				Total	1,90,799

The Commercial and Sanitary Association Museum at Broach, Laboratory Halls in the Telang High School at Godhra and in the R. C. High School at Ahmedabad were completed. Nava Vidyalaya school at Hyderabad was in progress.

The work of constructing Boys' Primary school and Teachers' quarters in the Criminal Tribes Settlement at Umedpur in the Sholapur Division was in progress.

* 60 Civil Works.

† Includes Rs. 75 expenditure incurred under 60 Civil Works and Rs. 1,50,243 expenditure from Ordinary Contributions.

‡ Includes Rs. 1,30,779 expenditure incurred under 60 Civil Works and Rs. 18,508 expenditure from Ordinary Contributions.

					Rs.
<i>Primary—</i>					
On works	..	..	..	..	20,026
On repairs	..	..	..	..	8,615
Total					28,641
<i>Special—</i>					
On works	..	..	..	..	13,608
On repairs	..	..	..	..	23,097
Total					36,705
<i>Miscellaneous—</i>					
On works		..	..	..	8,443
On repairs	..	..	..	..	10,475
Total					18,918
<i>Medical—</i>					
On works	..	..	..	..	11,57,165 *
On repairs	..	..	..	..	2,33,660
Total					13,90,825

The principal works completed or nearly so during the year were :—

New—

- King Edward Memorial Hospital, Parel, Bombay.
- Maternity ward in the compound of the Ripon Hospital at Ahmednagar.
- Infectious Diseases Hospital, Poona.
- Quarters for Nurses in the Civil Hospital at Bijapur.

The principal works still in progress at the end of the year were :—

Additions and alterations to the—

Central Mental Hospital at Yeravda. Poona Division.

New—

- Additional accommodation for Female lunatics at the Central Mental Hospital at Yeravda, Poona Division.
- King Edward Memorial Hospital at Sholapur.

* Includes 1,94,135 expenditure incurred under 60 Civil Works, Rs. 8,16,296 expenditure from Deposit Local Funds and Rs. 28,348 from Ordinary Contributions.

					Rs.
<i>Public Health—</i>					
On works	..	..	..	..	6,085
On repairs	..	..	..	..	29,618
				Total	35,703
<i>Agriculture—</i>					
On works	..	..	..	..	19,566
On repairs	..	..	..	..	22,422
				Total	41,988
<i>Civil Works—</i>					
On works	..	..	..	..	3,31,100*
On repairs	..	..	..	..	2,53,446
				Total	5,84,546
<i>Stationery and Printing—</i>					
On works	..	..	..	..	19,984
On repairs	..	..	..	..	10,236
				Total	30,220
<i>Miscellaneous Department—</i>					
On works	..	..	..	..	5,86,859†
On repairs	..	..	..	..	7,577
				Total	5,94,436

Development of Artillery Maidan and extension of Lloyd Avenue at Karachi were in progress.

The work of constructing Pavilion at Apollo Bunder, Bombay (Gateway of India) was completed. It was publicly opened on 4th December 1924 by His Excellency the Viceroy.

The work of constructing the Historical Museum and Library at Satara was practically completed.

The work of providing a chhatra over Shri Shivaji's Samadhi at Raigarh in the Ratnagiri Division was in progress.

*Includes Rs. 1,12,624 expenditure incurred under 60 Civil Works.

† Includes Rs. 4,91,858 expenditure incurred under 60 Civil Works.

Central Workshops, Dapuri.

The workshops have shown a decided improvement. The gross turnover was about Rs. 3 lakhs which shows an increase of about Rs. 85,000 over the last year. Owing to trade depression and the reduction in expenditure of all Government Departments it was feared at the beginning of the year that the turnover of the shops would not show an increase. The improvement therefore is very gratifying as it bears out the fact that the shops are being supported more than heretofore. Several steam road rollers, portable engines, pumps, oil engines, etc. were overhauled and parts renewed where required. During the year 90 sluice gates, 180 pulleys and brackets and 10,000 boundary posts for the Irrigation Department, 24 lamp posts for Lloyd Bridge, Poona, 390 gates and 1920 windows for Nasik Jail, etc., were manufactured.

During the year the Mechanical Engineer to Government inspected water works at Ahmedabad, Dharwar, Hubli, Hyderabad (Sind), Nasik, Surat, Sukkur, Sholapur and sewage works at Ahmedabad. Drawings and estimates for new pumping schemes at Gokak Mills, Sabarmati Jail, Sukkur Barrage and Township Drainage Right Bank, Jalgaon Water supply, Poona City Sewage, Kapadwanj and Ahmedabad Water Works were submitted by him during the year.

Forty apprentices are undergoing training and some of them who have finished their time are still employed and are turning out really good work. The Graduates in training from the Engineering College, Poona, are always very keen and are rendering excellent service. The Winding Department of the Electrical Engineer has been transferred to the Workshops where fans and motors are being repaired.

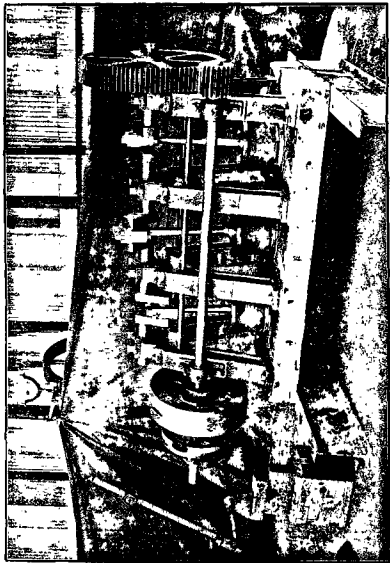
B.—ARCHITECTURAL.

During the year under review the activity in design noted in the previous year's Administration Report was maintained.

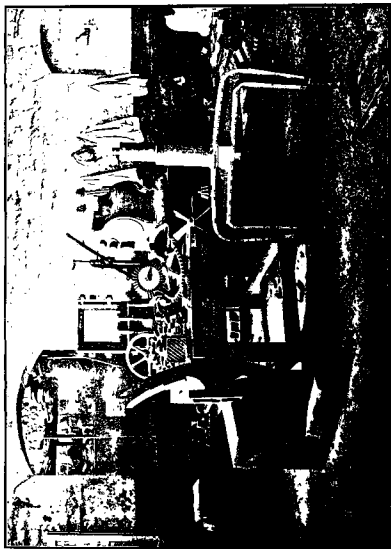
Revised type designs for Mamlatdar's kacheri in the Presidency proper and Mukhtiar's kacheri in Sind were prepared.

Designs and sketch plans were made for High Court, Karachi, District and Sub Civil and Small Causes Courts, Poona, Judges' Court at Nadiad, Judicial buildings at Sholapur and Circuit House, Karachi.

In regard to public or institutional buildings, designs were made for Outpatients' Department, Quarters for Nurses and probationers, Operation Theatre and X-Ray room, etc., at Sassoon Hospital, Poona, Royal Institute of Science, Bombay, Ismail College, Andheri, Administration Block and X-Ray Laboratory and chronic ward for 80 patients at G. T. Hospital, Bombay, Shivaji Memorial Chhatrat Raigarh, Ratnagiri Division, King Edward Memorial Hospital, Parel, New X-Ray room and Nurses' quarters at St. George's Hospital, Bombay, Refrigerator Morgue at J. J. Hospital, Bombay and Laboratory Buildings for B. J. Medical School, Poona.



Dapuri Workshops.
The head gear of a three throw plunger pump.



Dapuri Workshops.
A group of patterns ready for the Foundry.



Dapuri Workshops.
The mould for a steam road roller wheel rim, in the making.

C.—ELECTRICAL.

			Central.	Provincial.
			Rs.	Rs.
On works	..	..	36,546*	3,64,679†
On repairs	..	..	21,389	2,18,500‡
Total	..		57,935	5,83,179

The following important electric works were either in progress or completed during the year :—

Electric installations were provided in the Power House Yeravda, Central Offices, Poona, buildings at Thana and Kopri, New Jail for Under Trial Prisoners at Arthur Road, Bombay, Infectious Diseases Hospital, Poona, New King Edward Memorial Hospital, Sholapur and certain residential buildings attached to it, Police station at DeLisle Road, Bombay and residential buildings attached to it, Mounted Police Lines and officers' quarters at Byculla, Northcote Police Hospital, Bombay and certain residential quarters attached to it, Quarters for Police office of the Railway and City Police at Dadar, Bombay, King Edward Memorial Hospital, Parel, Bombay, Police buildings at Naigaum Road, Dadar, Cantonment buildings at Ahmedabad and buildings occupied by the Lloyd Barrage officers at Karachi.

D.—COMMUNICATIONS.

				Rs.
On works.	..	..	..	32,99,086¶
On repairs	..	..	..	31,99,600
Total	..			64,98,686

The principal works completed or nearly so during the year were :—

Additions and alterations to the

Bridge over the Watrak river on Modasa-Bibipura Road, Kaira and Panch Mahals Division.

Improving the portion from Sion to Ghatkopar of the Bombay-Thana road.

Road from Mandvi to Jankwao, Surat and Broach Division.

Shedi Bridge at Dakor, Kaira and Panch Mahals, Division.

Diverting the Harnai-Khed road, Ratnagiri Division. Kumta-Hubli road, Kanara Division.

* Includes Rs. 24,988 expenditure incurred under 60, Military Works.

† Includes Rs. 1,47,018 expenditure incurred under 60 Civil Works and Rs. 62,605 from Deposit Contributions.

‡ Includes Rs. 1,482 expenditure incurred from Deposit Contributions.

¶ Includes Rs. 26,72,091 expenditure incurred under 60 Civil Works.

Girder bridge over the Kabinhalla Nalla on the Sirsi-Kodkani road, Kanara Division.

Sadashivgad-Kadra road, Kanara Division.

Bridge over the Bedthi Nalla on the Yellapur-Sirsi road, Kanara Division.

The work of improving communications in the Ratnagiri Division was continued. Various works on the Hatkhamba-Poladpur, Pali-Phonda and Dharamtar-Mahableshwar roads were carried out.

New

Causeway over the Tupari Nalla on the Dharwar-Saundatti road, Belgaum Division.

Causeway over the Hullur Nalla on the Muddebihal-Chimalgi road, Bijapur Division.

The principal works still in progress at the end of the year were:—

Additions and alterations to the—

Karmala-Ahmednagar road, Sholapur Division.

Ahmednagar-Dhond road, Ahmednagar Division.

Indapur-Sarati road.

Hadapsar-Nira bridge road.

Ganeshkhind-Pashan Tank road.

Junnar-Narayangaon road.

Bombay-Poona road.

Alandi-Chakan road.

Poona-Sholapur road.

Poona-Nasik road.

Talegaon-Chakan road.

Otur-Brahmanwada road.

Khandesh-Nizam's Frontier road.

Manmad-Chandor road.

Malegaon-Chalisgaon road.

Chalisgaon-Otramghat road to Nizam's territory.

Dhulia-Bhusawal road to Berar territory.

Chalisgaon-Malegaon road.

Chalisgaon-Bhadgaon-Pahur road.

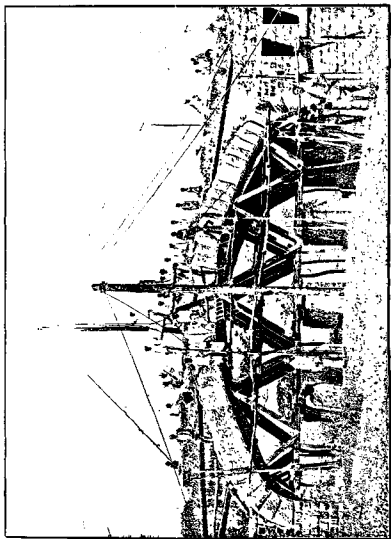
Math-Kasal road, Belgaum Division.

Diverting Nalla near Guledgud in the Bijapur Division.

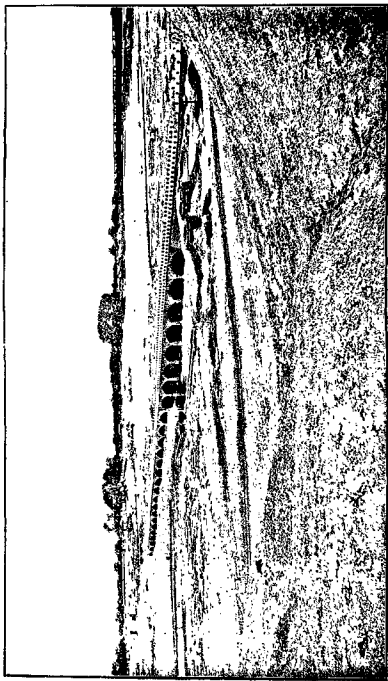
Poona Division.

Nasik Division.

East Khandesh Division.



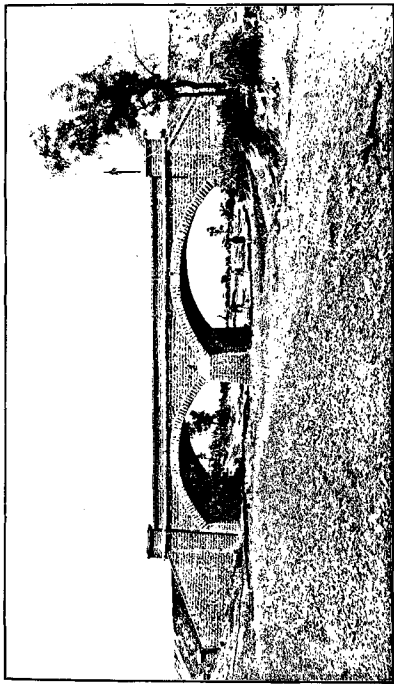
Widening of a Bridge at Borivli on Bandra Ghodbunder Road.
The Bridge is provided with a single opening of a 50 feet elliptical arch.
Size of arch stones 1'-3" x 2' x 3'.



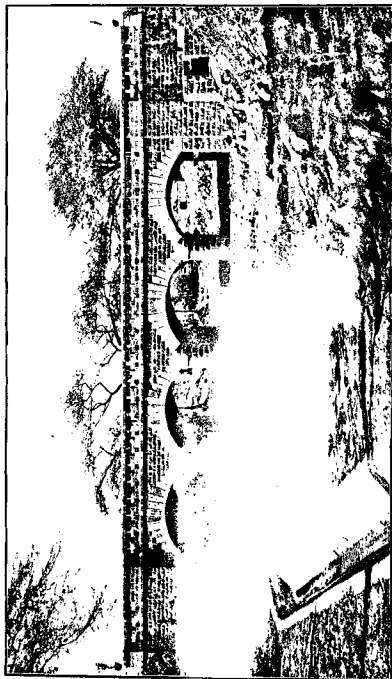
Causeway over the River Bhima at Pandharpur.

•

•



Poona Nasik Road.
Bridge over the Khadi Nulla.



Koregaon Estate—Poona, Culvert.

Mahad-Pandharpur road, Malsiras Division.
 Partial bridge over the Nira river at Padegaon.
 Jungshahi-Baghar road.

New...

Bridge over the Saitani river and Chormuli Nala on the Bhiwandi Wada road, Thana Division.

Road from Parol to Bhiwandi, Thana Division.

Vented causeway over Dholdhera Khadi on the Chikhli-Matwad road, Surat and Broach Division.

Causeway over the Khara river in mile No. 6 of Dohad-Alirajpur road, Kaira and Panch Mahals Division.

Causeway over the rivers Bhogawati and Nagzari on the Sholapur Barsi road, Sholapur Division.

Lloyd Bridge, Poona (opened for traffic from 1st March 1924).

Causeway over the river Deo on the Ahmednagar-Manmad road, Ahmednagar Division.

Causeway over the river Sina at Wadakbal on the Sholapur-Bijapur road, Sholapur Division.

Causeway over the river Bhima at Pandharpur, Sholapur Division.

Strengthening the bridge over the river Hanga on the Poona-Ahmednagar road, Ahmednagar Division.

Causeways over the rivers Mahalungi and Ardala on the Kolhar-Ghoti road, Ahmednagar Division.

Roads and drains on the lands acquired for the development of suburbs, east of Koregaon Road, Poona Division.

Causeway over the river Yerla on the Karad-Bijapur road, Satara Division.

Strengthening the bridge over the Nira at Sarola on the Poona-Bangalore road, Satara Division.

Causeways across the river Girna near Jalgaon on the Dhulia Bhusawal road, East Khandesh Division.

Warsa Borzar road.

Nandurbar-Raisingpur road, II Section.

Taloda to Shahada, I and II Sections.

Low level causeway across the river

Arunavati at Shirpur.

} West Khandesh
 Division.

Causeway over the Meundi Nalla, Dharwar Division.

Causeway over the Malaprabha river at Govankop, Bijapur Division.

Causeway over the Mirjan Frontier road, Kanara Division.

Arboriculture.—Nurseries were maintained at various places and the planting, watering and protection of road side trees continued to receive careful attention.

About 39,550 trees were planted during the year along Provincial and Local Fund roads in charge of this Department.

Bombay Development—

An expenditure of Rs. 2,710 was incurred under this head.

E-MISCELLANEOUS.

					Rs.
On works	..	..	..	..	1,81,245*
On repairs	..	..	..	..	1,11,508†
Total ..					2,92,753

Water-supply and Drainage—

The principal works completed or nearly so during the year were :—

Pandharpur water supply.

Yeravda water supply.

Hindalgi Jail water supply.

Thana water supply.

Lonavala water supply.

Nargund water supply.

Sukkur water works.

Poona water supply.

Kapadwanj water supply.

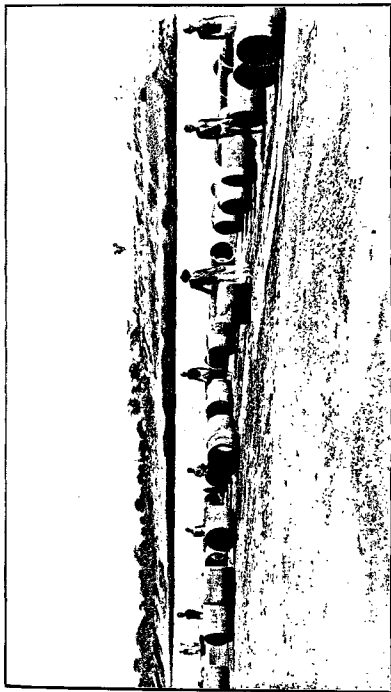
Dhulia Drainage.

Poona Drainage.

About 26 schemes for water supply and drainage were under investigation in the sub-divisions. The projects for Lloyd Barrage, Rohri Township water supply and drainage, improvements to Poona Water supply, Sholapur Drainage and Dhulia Drainage were prepared during the year. Boring operations for water supply by power and hand boring machines were conducted at Karachi (Drigh Road), Aden, Dhandhuka, Dholka, Vadgaon and Vinzavada in the Ahmedabad Division, Chanchwal, Broach Division, and at Panwel in the Kolaba Division.

* Includes Rs. 1,61,793 expenditure incurred from Deposit Local Funds.

† Includes Rs. 1,02,396 expenditure incurred from Deposit Local Funds.

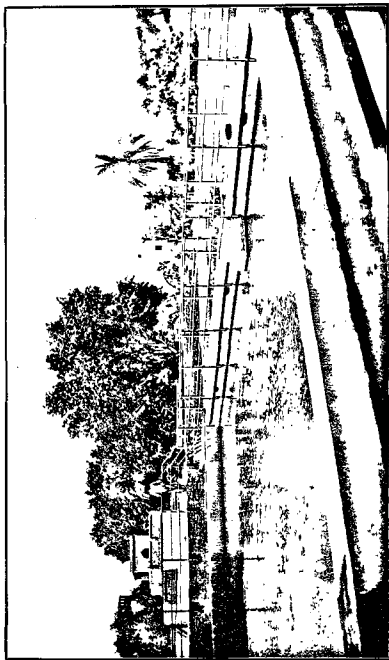


Construction of an infiltration gallery at Pandharpur.
View showing the specially moulded porous, re-inforced, cement concrete pipes.

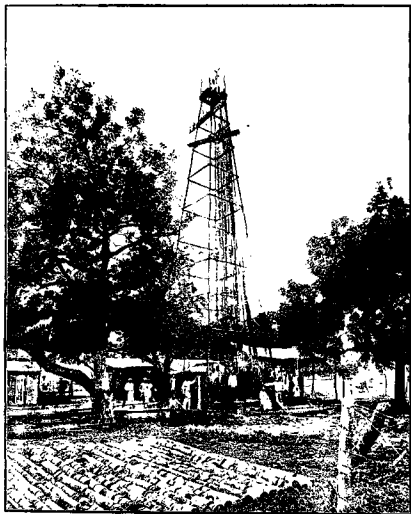


Construction of an additional service reservoir at Pandharpur.

100 100
100 100
100 100



Sukkur Water-works—Precipitation Tank.



Boring for Water at Dhandhuka.

APPENDIX I.

Statement of expenditure on Civil and

Service Heads.	Original Works.			
	Grant.	Outlay.		
		As per accounts for March 1925 (Inst.)	Subsequent adjustments by journal entries.	Total.
1	2	3	4	5
	Rs.	Rs.	Rs.	Rs.
43.—Famine Relief and Insurance. (A Famine Relief).				
<i>Relief Works.</i>				
Communications—				
Wages of labour ..		4,405	....	4,405
Other charges ..	....	888	....	888
Total, 43—Famine ..	....	....	....	....
50.—Military Works.				
Works (including Barrack Department) ..	1,57,421	1,36,057	....	1,36,057
Establishment—Non-Voted ..	....	....	....	....
Establishment—Voted ..	....	....	....	....
Tools and Plant..	....	....	....	....
Suspense ..	....	....	....	....
Deduct—English cost of stores.	....	....	....	....
Loss or gain by Exchange ..	....	....	....	....
Expenditure in England ..	....	....	....	....
Total, Military Works ..	....	....	....	....
41.—Civil Works (Central).				
Buildings ..	2,04,200	2,30,361	—1,607	2,37,854
Communications ..	....	....	....	....
Miscellaneous ..	....	....	....	....
Establishment—Non-Voted ..	....	....	....	....
Establishment—Voted ..	....	....	....	....
Tools and Plant..	....	....	....	....
Suspense ..	....	....	....	....
Deduct—English Cost of stores—Stores ..	....	....	....	....
Loss or gain by Exchange—Stores ..	....	....	....	....
Expenditure in England—Stores ..	....	....	....	....
Total, 41—Central ..	....	....	....	....
Carried forward ..	....	....	....	....

1.

Military Works during 1924-1925.

Repairs.				Total.			
Grant.	Outlay.			Grant.	Outlay.		
	As per accounts for March 1925 (final).	Subsequent adjustments by journal entries.	Total.		As per accounts for March 1925 (final).	Subsequent adjustments by journal entries.	Total.
6	7	8	9	10	11	12	13
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
..		..	..		4,405	..	4,405
..		..	..		888	..	888
..		..	..		5,293	..	5,293
2,08,951	2,05,122	..	2,05,122	3,66,372	3,41,170	..	3,41,179
..		..	..	55,332	....	22,067	22,067
..		..	..		14,467	4,985	19,452
..		..	..	3,818	911	2,665	3,500
..		..	..			..	
..		..	..			..	
..		..	..			..	
..		..	..			..	
..		..	..	4,25,522	3,56,557	29,707	3,86,264
3,07,600	3,18,141	..	3,18,141	6,01,800	5,57,502	-1,507	5,55,995
..	2,117	..	2,117	....	2,117	..	2,117
..	491	..	491	....	491	..	491
..		..	..	40,200	23,117	6,908	30,023
..		..	..	1,25,233	43,448	40,250	89,698
..		..	..	9,167	4,193	4,909	9,102
..		..	..		10,176	-276	9,903
..		..	..		344	..	344
..		..	..		80	..	80
..		..	..		258	..	258
..		..	..	7,76,400	6,41,046	56,283	6,97,329
..		..	..		10,02,896	85,900	10,88,880

Service Heads.	Original Works.			
	Grant.	Outlay		
		As per accounts for March 1925 (final).	Subsequent adjustments by journal entries.	Total.
1	2	3	4	5
	Rs.	Rs.	Rs.	Rs.
Brought forward ..	....	....	....	....
41.—Civil Works (Provincial)				
Buildings (Reserved) ..	50,000	49,926	....	49,926
Buildings (Transferred) ..	16,26,748	14,21,008	071	14,21,079
Communications ..	6,72,144	6,26,905	....	6,26,905
Miscellaneous ..	2,350	19,452	....	19,452
Establishment (Reserved)—				
Non-Voted ..	....	....	....	....
Voted ..	....	....	....	....
Establishment—Transferred—				
Non-Voted ..	....	....	....	....
Voted ..	....	....	....	....
Tools and Plant { Reserved.	....	....	....	....
{ Transferred	....	....	....	....
Grants-in-aid ..	....	....	....	....
Suspense ..	....	....	....	....
Deduct—English Cost of stores and Establishment—				
Stores ..	....	....	....	....
Establishment—Non-Voted.	....	....	....	....
Establishment—Voted ..	....	....	....	....
Establishment—Reserved ..	....	....	....	....
Establishment—Non-Voted.	....	....	....	....
Loss or gain by Exchange (Transferred)—				
Stores ..	....	....	....	....
Establishment—Non-Voted.	....	....	....	....
Establishment—Voted ..	....	....	....	....
Establishment—Reserved ..	....	....	....	....
Establishment—Non-Voted.	....	....	....	....
Carried over ..	....	....	....	....
				

1—contd.

Repairs.				Total.			
Grant.	Outlay.			Grant.	Outlay.		
	As per accounts for March 1925 (final).	Subsequent adjustments by journal entries.	Total.		As per accounts for March 1925 (final).	Subsequent adjustments by journal entries.	Total.
6	7	8	9	10	11	12	13
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
..		..	..		10,02,896	85,690	10,88,886
49,04,465	2,67,106	..	2,67,106	72,55,707	3,17,032	..	3,17,032
	13,85,041	—51	13,84,990		28,06,049	620	28,06,669
	31,99,603	—3	31,99,600		38,26,598	—3	38,26,595
	9,112	..	9,112		28,564	..	28,564
..		..	..	69,000	13,363	3,234	16,597
..		..	..			48,458	48,458
..		..	..	5,57,000	11,04,157	—7,32,461	3,71,696
..		..	..	15,42,506	47,47,447	—34,94,206	12,53,141
..		..	..	6,000	....	13,358	13,358
..		..	..	4,28,939	5,55,129	—3,10,712	2,44,417
..		..	..	2,18,995	10,28,666	—8,04,262	2,24,404
..		..	..	2,27,407	3,49,046	—7,321	3,41,725
..		..	..	60,000	1,21,453	98	1,21,551
..		..	..		2,47,411	5	2,47,416
..		..	..		32,664	—2	32,662
..		..	..			..	
..		..	..	..	13,363	—7	13,356
..		..	..	30,395	31,554	—1	31,550
..		..	..	65,000	65,861	1	65,862
..		..	..	12,000	8,824	—1	8,823
..		..	..			..	
..		..	..		3,363	—3	3,361
..		..	..	1,03,46,949	—1,44,70,762	—52,83,446	91,87,267
..		..	..		10,02,896	85,690	10,88,886

APPENDIX

Service Heads.	Grant.	Original Works.		
		Outlay.		
		As per accounts for March, 1925 (final).	Subsequent adjustments by journal entries.	Total.
1	2	3	4	5
	Rs.	Rs.	Rs.	Rs.
Brought forward ..				
41—Civil Works (Provincial)— <i>continued</i> —				
Expenditure in England (Transferred)—				
Stores ..				
Establishment—Non-Voted ..				
Establishment—Voted ..				
Establishment—Reserved ..				
Establishment—Non-Voted ..				
Total, 41—Provincial ..				
60—Civil Works.				
Buildings ..		44,80,109	11,654	44,91,853
Communications ..		15,71,473	8,00,648	26,72,091
Miscellaneous ..				
Establishment—Non-Voted ..				
Establishment—Voted ..				
Tools and Plant ..				
Total, 60—Civil Works ..				
District Local Fund ..				
Deposit Contribution ..				
Grand Total ..				

I—contd.

Repairs.				Total.			
Grant.	Outlay.			Grant.	Outlay.		
	As per accounts for March 1925 (final).	Subsequent adjustments by journal entries.	Total.		As per accounts for March 1925 (final).	Subsequent adjustments by journal entries.	Total.
6	7	8	9	10	11	12	13
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
..		..	..		10,02,806	85,900	10,88,886
..		..	..	1,03,46,949	1,44,76,762	-32,83,495	91,87,267
..		..	..	..	00,010	-9	90,001
..		..	..	V. 1,21,000	1,81,550	4	1,81,554
..		..	..	N.V. 1,51,000	23,840	-1	23,839
..		..	..	..		..	
..		..	..	..	10,000	-5	9,995
..		..	..	1,06,18,540	1,47,76,162	-52,58,666	94,92,656
..		..	..	59,77,300	44,80,109	11,854	44,91,853
..		..	..	29,31,700	18,71,478	8,00,618	26,72,091
..		..	..			..	
..		..	..			2,18,336	2,18,336
..		..	..	14,23,000	15,191	9,91,304	10,07,095
..		..	..		1,168	1,31,488	1,32,656
..		..	..	1,03,32,000	68,68,031	21,74,200	85,22,231
..		..	..		4,22,245	..	4,22,245
..		..	..		22,28,125	-70	22,28,055
..		..	..		2,47,97,459	-39,43,386	2,17,54,073

S. K. MEHTA,
Assistant Accountant Officer.

APPENDIX

Statement of Roads not within Municipal boundaries, giving lengths of authorities, respectively

Name of Circle.	Name of Division.	Length of metalled roads maintained by the Public Works Department.		Length of unmetalled roads maintained by the Public Works Department.	
		3		4	
1	2	M.	Ft.	M.	Ft.
Northern Circle	Thana ..	463	2,674	5	3,300
	Surat ..	(b) 169	2,069	(b) 19	543
	Broach ..	(c) 53	6,178	.....	
	Kaira ..	(d) 180	3,469	(d) 9	690
	Panch Mahals ..	(e) 109	4,821	22	3,300
	Baroda Cantonment	3	4,300	.....	
	Ahmedabad ..	(f) 107	942	88	3,130
Central Circle	Poona ..	436	1,546	75	3,800
	Head Quarters Works	25	1,560	.....	
	Satara ..	(h) 426	3,461	46	330

Note.—The lengths of Provincial roads included in columns 3 and 4 in the above Municipalities in the Bombay Presidency are not now required to contribute towards these are shown in the "Remarks" column.

(a) The increase in column 5 is due partly to the conversion of certain unmetalled constructed by the Board and also due to the adjustment of certain lengths of metalled the inclusion of certain unmetalled lengths of roads constructed by the Board and partly

(b) The increase in column 3 is due partly to certain unmetalled lengths having been and added to the metalled length. The decrease in column 4 is due partly to the in column 3. The increase in column 5 is due to certain unmetalled lengths having

due partly to certain unmetalled lengths having been metalled and partly to certain

(c) The decrease in column 3 is due to the portion of Ankleshwar-Himmat road increase in column 5 is due to certain gravelled length previously taken as column 6 is due partly to certain additional length having been constructed by the by that body.

(d) The decreases in columns 3 and 4 are due to Local Board roads having been handed Local Board roads having been taken over from the Public Works Department by the

(e) The increase in column 3 is due to certain length previously omitted having now unmetalled length having been metalled by the Board. The increase in column 6 is

(f) The increases in columns 3 and 5 and decrease in 6 are due to certain length of ment for maintenance.

(g) The increase in column 6 is due partly to the inclusion of certain minor roads from the Tata Power Company for maintenance in future. The increases in columns

(h) The increase in column 3 is due to the taking over of a certain length of road

II.

metalled and unmetalled roads maintained by the Public Works and Local during the year 1924-25.

Length of metalled roads maintained by Local authorities.		Length of unmetalled roads maintained by Local authorities.		Total length of metalled roads.		Total length of unmetalled roads.		Remarks.	
5		6		7		8		9	10
M.	Ft.	M.	Ft.	M.	Ft.	M.	Ft.	M.	Ft.
(a)		(a)							
280	716	298	5,249	743	3,200	304	3,269	11	2,046
(b)		(b)							
95	4,145	231	1,006	265	934	250	1,549	....	....
(c)		(c)							
28	1,430	93	3,300	82	1,328	93	3,300	1	1,920
(d)		(d)							
43	2,980	19	1,564	224	1,169	28	2,244	9	4,345
(e)		(e)							
7	4,308	12	3,960	177	2,849	35	1,980	1	1,980
....		....		3	4,300	....		....	....
(f)		(f)							
19	4,905	262	684	187	567	350	3,814	....	....
....		(g)						(g)	(g)
....		1,160	4,845	436	1,546	1,236	3,455	33	4,177
....		....		25	1,560	....		7	4,380
207	2,970	931	4,290	634	1,161	977	4,620	15	2,009
									3 1,320

statement are exclusive of the portions passing through Municipal limits. The the maintenance of Provincial roads passing through their limits and the lengths of

lengths into metalled ones and partly to the inclusion of certain new lengths of roads led roads as now reported by the Board. The increase in column 6 is due partly to to adjustment of certain lengths of unmetalled roads as now reported by the Board. metalled and partly to certain length of Local Board road having been provincialized conversion of certain unmetalled lengths into metalled ones and added to the length been metalled and added to the length in this column. The decrease in column 6 is lengths having been provincialized and added to the lengths in column 3. leading to Hansot town is not now maintained by the Public Works Department. The "unmetalled" having now been transferred to the metalled length. The increase in Board and partly to certain metalled length having been converted into Kankared one

back to that body for maintenance. The increases in columns 5 and 6 are due partly to Board for maintenance and also to certain lengths having been added by the Board. been added to the metalled length. The increase in column 5 is due to certain due to certain new lengths having been constructed by the Board. Local Board road having been metalled and handed over to the Public Works Depart-

having been brought on the list and partly due to the taking over of certain roads 9 and 10 are due to the addition of newly constructed roads. from the Municipality for maintenance.

APPENDIX

Name of Circle.	Name of Division.	Length of metalled roads main- tained by the Public Works Department.		Length of unmetalled roads main- tained by the Public Works Department.	
		3		4	
1	2				
		M.	Ft.	M.	Ft.
Central Circle— <i>contd.</i>	Sholapur	(i)			
	Ahmednagar	224	2,820	....	0
	Nasik	320	3,053	17	0
	East Khandesh	608	3,081	(j)	1,140
	West Khandesh	426	2,941	10	660
Deccan Circle.	Poona Irrigation	358	3,588	8	1,980
	Lake Whiting	62	845	1	3,300
	Lonand	(i)		(i)	
	Malsiras	18	3,512	....	
	Belgaum	38	4,028	....	
Southern Circle	Dharwar	124	4,013	76	1,068
	Bijapur	(m)		(m)	
	Ratnagiri	439	4,076	37	3,690
	Kanara	349	945	77	1,945
	Nasrat Canals	304	2,517	113	2,881
Indus Left Bank Circle	Hyderabad Canals	(o)		(o)	
	Fuleli Canals	441	2,589	....	5,212
	Eastern Nara	589	3,243	312	0
	Northern Jamrao Canal	2	523	96	620
	Southern Jamrao Canal	4	660	123	2,339

(i) The decrease in column 3 is due to re-transfer of certain District Local Board roads from the P. W. D. and also to the taking over of certain newly constructed road increase in column 9 and the decrease in column 10 are due to installing of certain

(j) The decreases in columns 4, 9 and 10 are due to certain lengths of Provincial is due to the transfer of certain lengths to the Nasik Municipality and to the Village lengths as now reported by the Local Boards.

(k) The increase in column 5 and decrease in column 6 are due to the metalling of for maintenance.

(l) The increase in column 3 and decrease in column 4 are due to conversion of

(m) The increases in columns 3 and 4 are due to certain roads transferred from the the conversion of certain unmetalled roads into metalled ones. The increase in

(n) The increase in column 5 and decrease in column 6 are due to the conversion the extension of certain roads.

(o) The decreases in columns 3, 4 and 9 are due to certain roads transferred to the

(p) The decrease in column 4 and increase in column 6 are due to correct figures

II—*contd.*

Length of metalled roads main- tained by Local authorities.		Length of unmetalled roads main- tained by Local authorities.		Total length of metalled roads.	Total length of unmetalled roads.	Remarks.	
						Metalled roads main- tained by the Public Works De- partment in Municipal limits.	Unmetalled roads main- tained by the Public Works De- partment in Municipal limits.
5	6	7	8	9	10		
M. Ft.	M. Ft.	M. Ft.	M. Ft.	M. Ft.	M. Ft.	M. Ft.	M. Ft.
(i)	(i)			(i)	(i)		
109 2,285	509 4,620	333 5,105	509 4,620	19 1,201	.....		
388 3,235	310 1,320	718 1,908	327 1,320	1 0	.....		
(j)	(j)			(j)	(j)		
23 4,863	343 4,290	632 2,664	371 150	13 4,491	0 1,575		
(k)	(k)						
61 4,910	268 375	488 2,571	278 1,035	24 715	0 3,960		
9 4,620	579 1,320	368 2,898	587 3,300	4 2,640	.....		
0 4,290	.....	62 5,135	1 3,300	.....	.....		
.....	.....	18 3,512	.....	.....	.....		
.....	.....	38 4,028	.....	.....	.....		
.....	.....	124 4,613	76 1,068	3 2,617	.....		
(m)	(m)			(m)			
201 3,691	228 580	641 3,387	265 4,170	16 1,344	.....		
379 4,049	219 2,106	728 4,904	296 4,051	12 2,636	5 1,194		
(n)	(n)			(n)			
142 1,910	437 870	446 4,427	550 3,751	7 3,438	.....		
293 3,255	957 3,339	735 564	957 3,339	(o)	.....		
44 2,460	461 4,505	434 423	774 4,437	11 2,670	.....		
.....	921 3,274	2 523	1,017 3,274	16 5,174	8 2,684		
5 0	610 1,320	0 660	733 1,346	.....	.....		
2 3,960	762 1,320	0 1,320	818 3,659	.....	.....		
.....	(p)			.....	.....		
.....	2,487 1,980	.....	2,528 660	.....	.....		
.....	226 1,320	.....	489 2,640	.....	.....		
.....	235 2,640	.....	925 2,640	.....	.....		

roads to that body. The increase in column 5 is due to the taking over of certain for repairs. The increase in column 6 is due to an addition of certain new roads. The portion of unmetalled roads.

roads having been transferred to the Nasik Municipality. The decrease in column 5 Panchayat at Ghoti. The increase in column 6 is due to the adoption of correct

a certain length of unmetalled road and also to a new length having been taken over

unmetalled roads into metalled ones.

Ratnagiri Division. The increase in column 5 and decrease in column 6 are due to column 9 is due to certain roads transferred from the Ratnagiri Division.

of certain unmetalled roads into metalled ones. The increase in column 9 is due to

Belgaum Division.

now shown.

APPENDIX

Name of Circle.	Name of Division.	Length of metalled roads main- tained by the Public Works Department.		Length of unmetalled roads main- tained by the Public Works Department.	
1	2	3		4	
Indus Right Bank Circle.		M.	Ft.	M.	Ft.
	Karachi Buildings ..	29	3,055	94	0
	Karachi Canals ..	18	2,640	(r)	0
	Western Nara ..	5	0	17	0
	Ghar Canals ..	..	..	..	..
	Shikarpur Canals ..	0	4,884	(f)	..
	Begari Canals ..	..	..	25	3,750
				30	2,280
Grand Total ..		6,277	3,463	2,416	3,604

(g) The increase in column 5 and decrease in column 6 are due to

(r) The increase in column 4 is due to the road being taken

(s) The increase in column 6 is due to correct figures now

(f) The increase in column 4 and decrease in column 6 are due

II—conold.

Length of metalled roads main- tained by Local authorities.		Length of unmetalled roads main- tained by Local authorities.		Total Length of metalled roads.		Total Length of unmetalled roads.		Remarks.	
								Metalled roads main- tained by the Public Works De- partment in Municipal limits.	Unmetalled roads main- tained by the Public Works De- partment in Municipal limits.
5		6		7		8		9	10
M.	Ft.	M.	Ft.	M.	Ft.	M.	Ft.	M.	Ft.
(g) 7	2,310	(g) 159	2,970	37	85	253	2,970	....	....
9	2,640	957	3,990	28	0	958	3,990	....	....
....		1,638	4,700	5	0	1,655	4,700	....	....
0	3,600	(e) 747	117	0	3,600	747	117	....	....
12	4,455	(f) 1,231	4,405	13	4,059	1,257	2,875	....	....
....		1,097	2,640	....		1,097	4,920	....	
2,377	4,007	18,351	4,949	8,055	2,250	20,765	3,273	211	272
								18	4,643

certain portion having been metalled during the year.
over from the Local authorities.
shown.
to correct figures now shown.

with financial assistance
Government of Maharashtra
on 22 July 2017

